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By:

*Sara E. Armstrong*

Typed Name: Sara E. Armstrong

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thilaka Sumanaweera et al.

Appl. No.: 10/644,363

Filed: August 20, 2003

For: COMPUTING SPATIAL DERIVATIVES  
FOR MEDICAL DIAGNOSTIC  
IMAGING METHODS AND SYSTEMS

Examiner: Jaworski, Francis J.

Art Unit No.: 3737

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SECOND RESPONSE

Dear Sir:

In response to the Office Action dated March 8, 2005, please consider the following remarks: